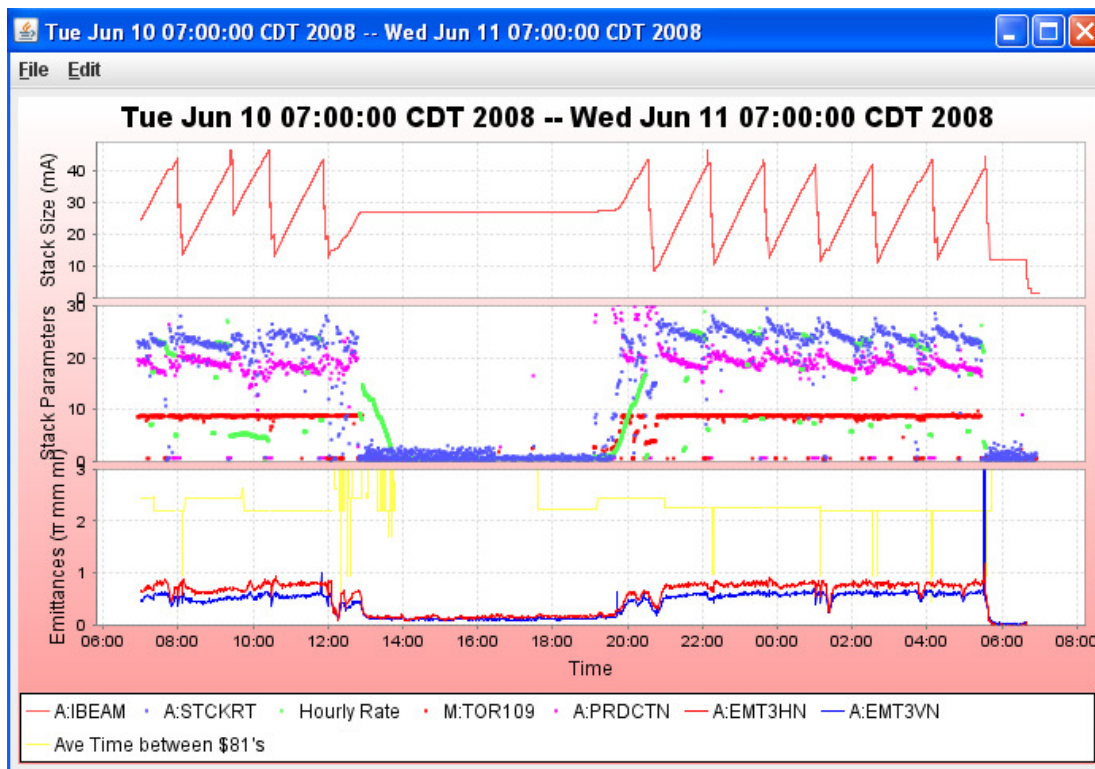


2008-06-11 Wednesday morning Pbar summary

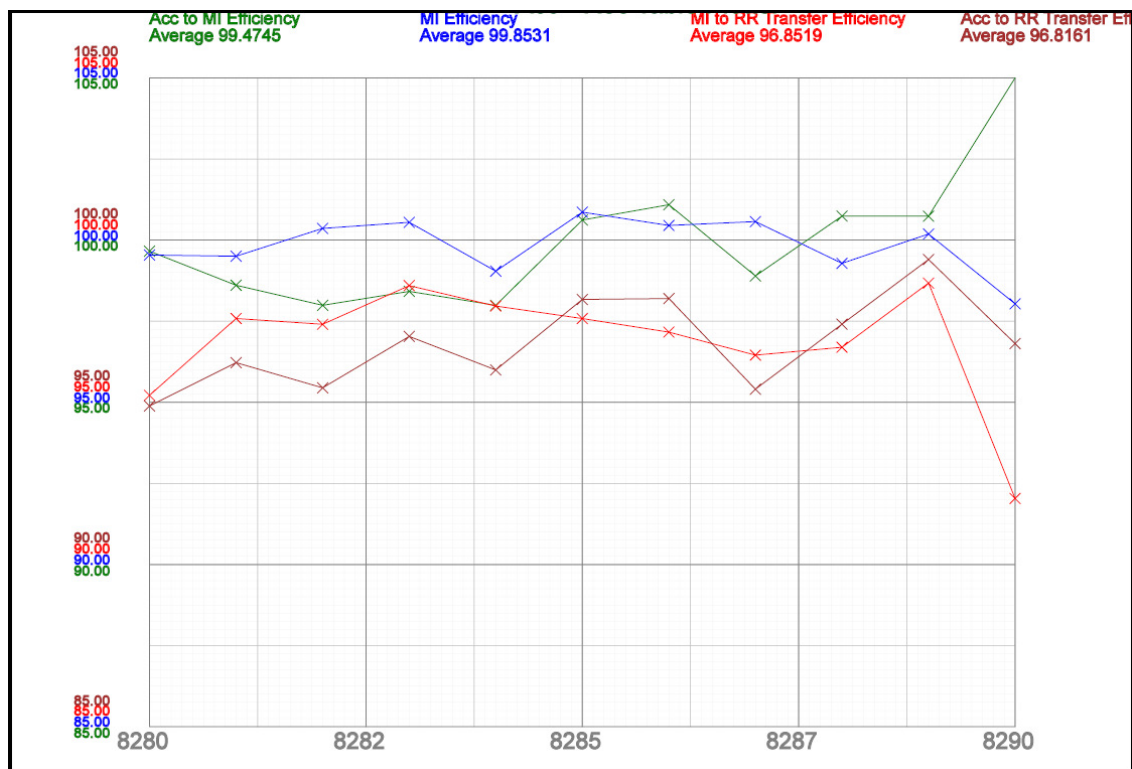
Wednesday, June 11, 2008
7:36 AM

Stacking:

- ARF1 measurements were made
 - Verified that ARF1-2 has a bad PA in the tunnel
- Stacktail Measurements
 - Failed to find our intermittent problem.
- DRF1-3 failed
 - Experts determined this was a bad PA in the tunnel.
 - This dropped our DRF1 sum voltage down to 4.4MV (start to see the impact if under 5MV).
- Accumulator TBT (Pledge Pin) scope died.
 - Experts investigating.
- D:IKIK tripped during the day shift.
 - Trip indication, but not off.
 - Beam continued, causing a rad trip.
 - Obie found a cooling fan on the control power supply bad. Replaced PS.
- Target rotation:
 - At about 5am this morning, something started dragging between 120 and 160 degrees
 - <http://www-bd.fnal.gov/cgi-mach/machlog.pl?nb=pbar08&action=view&page=234&anchor=063138&hilite=06:31:38->



Transfers:



Studies

Numbers

- Paul's Numbers
 - Most in an hour: 24.63 mA at Tue Jun 10 21:50:50 CDT 2008
 - Best: 27.01 mA on 03-Jun-08
 - Average Production 17.73 e-6/proton Best: 25.41 e-6/proton on 01/30/2008
 - Average Protons on Target 6.97 e12 Best: 8.77 e12 on 07/24/2007
- Al's Numbers
 - Stacking
 - Pbars stacked: 300.37 E10
 - Time stacking: 14.65 Hr
 - Average stacking rate: 20.50 E10/Hr
 - Uptime
 - Number of pulses while in stacking mode: 23483
 - Number of pulses with beam: 20726
 - Fraction of up pulses was: 88.26%
 - The uptime's effect on the stacking numbers
 - Corrected time stacking: 12.93 Hr
 - Possible average stacking rate: 23.23 E10/Hr
 - Could have stacked: 340.33 E10/Hr
 - Recycler Transfers
 - Pbars sent to the Recycler: 323.06 E10
 - Number of transfers : 34
 - Number of transfer sets: 11
 - Average Number of transfer per set: 3.09
 - Time taken to shoot: 02.18 Hr
 - Time per set of transfers: 11.87 min
 - Transfer efficiency: 114.91%
 - Other Info

- Other Info
 - Average POT : 7.94 E12
 - Average production: 18.25 pbars/E6 protons
- Requests